VOLUME 14

Pres. Erwin KREIS W9HRM

(14)

THE MILWAUKEE RADIO AMATEURS' CLUB INC.

Minutes of Regular and Board of Directors' Meetings

held during the Club Season 1935-1936

ERWIN KREIS - W9HRM

PRES.

H.B. / E.F.Jr. #1.

Members in good standing of THE MILWAUKEE RADIO AMATEURS CLUB Inc.
for the season of----1935----1936.

3

nr.	names		Sept.				Oct.				Nov.				Dec.				Jan.				Feb.			
			5.	12	19	26	3	10	17	24	31	7.	14	21.	28	5	12	19	26	2.	9.	16	26	30.	6	13	20	27
1.	C.Crapo	W9VD	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2.	F.Catel	W9DTK	v	v	v	v	v	v	v	v	v	o	o	v	v	o	o	v	v	v	v	v	o	o	v	v	o	v
3.	H.Wareing	W9NY	o	o	o	o	o	o	o	o	o	o	v	o	o	o	o	o	o	o	o	o	o	o	o	o	v	o
4.	Don Seibel	W9ESF	o	o	o	o	v	v	o	v	v	v	v	v	v	v	o	o	o	o	o	o	o	o	o	o	o	o
5.	L.Wollaeger	W9ANA	v	o	o	o	v	v	v	v	v	v	o	v	v	o	o	o	o	o	o	o	o	o	o	o	o	o
6.	L.Topolinski		o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
7.	E.Kreis --Pres.--	W9HRM	v	v	v	o	v	v	v	o	o	o	o			o	v	v	v	v	v	v	v	v	v	v	v	v
8.	O.Zander--V.pres-	W9DIJ	v	v	v	v	o	v	v	v	v	v	v			v	v	v	v	v	v	v	o	v	v	v	v	v
9.	R.Peschek -Tres--	W9LJU	v	v	v	v	v	v	v	v	v	v	v			v	v	v	v	v	v	v	o	v	v	v	v	v
10.	H.Baker ---Sec.--	W9GSP	v	v	v	o	v	v	v	v	v	v	v			v	v	v	v	v	v	v	o	v	v	v	v	v
11.	E.Felber Jr.	W9RH	v	v	v	v	v	v	v	v	v	v	v			v	v	v	v	v	v	v	o	v	v	v	v	v
12.	D.Rosenbaum	W9GHN	v	v	v	v	o	v	v	o	v	v	v			v	v	o	v	o	v	v	o	o	o	o	o	o
13.	C.Meyer	W9GVL	v	v	v	v	v	v	v	v	v	v	v			o	v	v	o	v	v	v	o	v	v	v	v	v
14.	Geo.Wood	W9DII	v	v	v	v	v	v	v	v	v	o	o			v	v	v	v	b	a	a	v	v	v	v	v	v
15.	H.Berg	W9CAS	o	o	o	o	o	o	o	v	o	o	o			o	o	o	o	o	v	v	a	o	v	v	v	v
16.	Irv.Berens	W9DFJ	v	v	v	v	v	v	v	v	v	o	o			a	o	v	o	v	a	o	v	v	v	v	v	v
17.	R.Burss	W9RKP	v	o	v	v	v	v	v	v	v	v	v			v	v	v	v	v	v	v	v	v	v	v	v	v
18.	William Gainer	W9SO																						o	v	o	o	o
19.	W.Cram	W9BVR	v	v	v	v	v	v	v	v	v	v	v			o	o	o	o	o	o	o	o	o	o	o	o	o
20.	W. [illegible]	[illegible]	o	o	o	o	o	o	o	o	o	o	o			o												
21.	A.Wilkinson	W9EEL														a	o	v	v	v	v	v	a	o	v	v	a	o
22.	H.Fritschel	W9OSS	o	v	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
23.	T.Gettelman	~~W9IZO~~	v	o	o	o	o	o	o	o	o	o	o			o	o	o	o	a								
24.	R.Guthrie	W9IH	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	v	v	v	o	o	o	v		
25.	E.Hodson	W9EIH	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
26.	J.Kircher	W9NRX	o	v	o	o	o	o	o	o	o	o	o			o	o	o	o	a	a	a	a	a	o	o	v	v
27.	W.Kittson	W9RSA	v	v	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
28.	A.Krones	W9UIT	o	o	v	v	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
29.	R.Koenig	W9RUF	o	o	v	v	v	v	v	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
30.	Ed.Mahnke	~~W9ITZ~~	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
31.	J.Maertz	~~W9SVP~~	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
32.	H.Parish	W9CCD	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
33.	R.Moser	W9NPS	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
34.	Geo.Ruger	W9VWG	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
35.	[illegible]	[illegible]																										
36.	J.Reinke	~~W9OXP~~	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
37.	J.Scarvaci	W9GIL	v	v	v	v	v	v	v	v	v	v	v			o	o	o	o	o	o	o	o	o	o	o	o	o
38.	E.Seifert	W9EFX	v	v	v	v	v	v	v	v	v	v	v			v	v	v	v	v	v	v	v	v	v	v	v	v
39.	C.Stanfield	~~W9JFK~~	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
40.	R.Stephenson	W9PRA	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
41.	C.Thoms	~~W9LFK~~	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
42.	H.G.Schmidt	W9VZJ	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
43.	L.Yurkowski		o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
44.	[illegible]	[illegible]																										
45.	J.F.Larkin	~~W9HFA~~	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
46.	J.A.Sundry	W9KNP																										
47.	W.H.E.Church																											
48.	B.Phillipson	~~W9CRG~~	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
49.	P.Anton Jr.	W9UNY	v	v	v	v	v	v	v	v	v	v	v			v	v	v	v	v	v	v	v	v	v	v	v	v
50.	E.Kampa		o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
51.	Theo. Maijala	W9KIZ																										
52.	Jerome Becker	W9UOE	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
53.	Henry Koch	W9VIB	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
54.	Vernon Morris	W9JGU	o	o	o	o	o	o	o	o	o	o	o			o	o	o	o	o	o	o	o	o	o	o	o	o
55.	J.TRAVIS BAIRD	W1VQD																										
56.	A.C.JORGENSON	W9GKE																										
57.	J.F.WYMAN-MD	W9SZH																										

Pd Remco

#2.

THE MILWAUKEE RADIO AMATEURS CLUB, INC.

Members in good standing for the season of 1935-1936. SEPT NOV

NO.	NAMES AND CALLS		MARCH 5-12-19-26	APRIL 2-9-16-23-30	MAY 7-14-21-28	JUNE 4-11-18-25
1.	C.Crapo (Honorary Member)	W9VD				
2.	F.Catel (" ")	W9DTK				
3.	H.Wareing(" ")	W9NY				
4.	D.Seibel (" ")	W9ESF				
5.	L.Wollaeger " ")	W9ANA				
6.	L.Toplinski " ")					
7.	E.Kreis (President)	W9HRM				
8.	O.Zander(Vice President)	W9DIJ				
9.	R.Peschek (Treasurer)	W9LJU				
10.	H.Baker (Secretary)	W9GSP				
11.	E.Felber,Jr. (Director)	W9RH				
12.	C.Rosenbaum (")	W9GHN				
13.	C.Meyer (")	W9GVL				
14.	A.Krones (")	W9UIT				
15.	G.Wood	W9DII				
16.	H.Berg	W9CAS				
17.	I.Berens	W9DFJ				
18.	R.Burss	W9RKP				
19.	W.Gainer	W9SO				
20.	W.Cram	W9BVR				
21.	A.Wilkinson	W9EEL				
22.	~~R.Guthrie~~ L.SOLOMON. W9VLD.	~~W9IH~~				
23.	J.Kircher	W9NRX				
24.	W.Kittson P	W9RSA				
25.	R.Koenig	W9RUF				
26.	H.Parish	W9CCD				
27.	R.Moser	W9NPS				
28.	G.Ruger	W9VWG				
29.	J.Scarvaci	W9GIL				
30.	~~E~~.Seifert	W9EFX				
31.	~~R.Stephenson~~ Geo. FIELDS W9WVL	~~W9PRA~~				
32.	~~H.G.Schmidt~~ V. J. RICHARDS W9OUB	~~W9VZJ~~				
33.	J.A.Gundry	W9WFW				
34.	P.Anton, Jr.	W9UNY				
35.	E.Kampa					
36.	~~T.Maijala~~ W.S.CIGANEK W9SJT	~~W9KIZ~~				
37.	J.Becker	W9UOE				
38.	H.Koch	W9VIB				
39.	~~V.Morris~~ W.E. RUBIN W9BNQ	~~W9JGU~~				
40.	J.T.Baird	W9VQD				
41.	A.C.Jorgenson	W9GKE				
42.	J.F.Wyman, M.D.	W9SZH				
43.	~~De Amicc~~ W. J. STROMBERG					
44.	Orles Hart	W9IZX				
45.	~~Leon Sikorski~~ P. FANNELI	W9UHZ				
46.	Charles Glassl Bob Schevers	~~W9SJD~~				
47.	Leo Devine	W9NMF				
48.	Norman Lewis	W9TXF				
49.	Herbert J. Reinke	W9ESO				
50.	Don Plautz	W9UJN				
51.	Wm Broeckman.	W9EQP				
52.	BOB SCHMIDT	W9YDY W9YLD				

S.F.R. KAMBRECHT

53 F.R. Lambrecht W9JGE
54 Les Srnka - W9JQE
55 Clyde Norton W9EFA
56 Raymond Seipel
57 John Stewart
58 Geo Bowen W9DWI
59 Bruno Plitzko W9LAD
60 Hugh Wilson W9NAV
61 Leland Atwell W9WSY
62 Robert Wacker
63 Harry Harrison
64 Ted Kercher
65 Bernard Verhoeven
66 John Bruchner
67 Walter Wenske - W9YWK

Vol (14)

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

"RIGHT IN THE CENTER OF THINGS"

AFFILIATED WITH
THE AMERICAN RADIO RELAY LEAGUE, INC.
OFFICIAL ORGAN: Q S T

CHARTERED AS
A NON-STOCK CORPORATION BY THE
STATE OF WISCONSIN

MILWAUKEE. WISCONSIN

Officers of THE MILWAUKEE RADIO AMATEURS CLUB, Inc., and Committee Chairmen of season---1935 to 1936.

President--Erwin Kreis---W9HRM

Vice President--O. Zander---W9DIJ

Treasurer--Ray Peschek---W9LJU

Secretary--Norbert Beker---W9GSP

Business Manager--Dr. C. A. Rosenbaum---W9BEN
and Publicity--Emil Felber---W9PH

Papers and publications--
Charles Meyer---W9GVL
Robert Moser----W9NPS

Technical Committee--
Louis Wollaeger---W9ANA

Membership Committee--
Irv. Behrens---W9DFJ

Traffic committee--
R. Burns---W9RKP

Sergeant at arms--
George Ruger---

Board of Directors--1935 to 1936---Votes Rec'd.

W9HRM--Irv. Kreis----------33	W9GVL--Charles Meyer----------26
W9BEN--Chas.Rosenbaum------32	W9PH---Emil Felber----------24
W9LJU--Ray Peschek---------30	W9GSP--Norbert Beker---------21
W9ANA--L. Wollaeger--------30	W9DIJ--Oliver Zander---------20

1935 - 1936

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

"RIGHT IN THE CENTER OF THINGS"

AFFILIATED WITH
THE AMERICAN RADIO RELAY LEAGUE, INC.
OFFICIAL ORGAN: Q S T

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MILWAUKEE, WISCONSIN

Presidents of THE MILWAUKEE RADIO AMATEURS CLUB Inc.

1- Norbert Wareing---------W9ITY----1922--1923
2- E. T. Howell-----------W9CVI---1923--1924
3- E. T. Howell---------- " ---1924--1925
4- Chas. Pollacheck-------- ---1925--1926
5- Fred Catel-------------W9DTK---1926--1927
6- Freemont D. Schunck-----W9AFZ---1927--1928
7- Don Seibel-------------W9ESF---1928--1929
8- George Ward------------W9DCE---1929--1930
9- Louis Wollaeger--------W9ANA---1930--1931
10- Clarence H. Crapo------W9VD----1931--1932
11- Frank Moore-----------W9BVB---1932--1933
12- Dr. Chas. A. Rosenbaum--W9GHN---1933--1934
13- Emil R. Felber, Jr.----W9RU----1934--1935
14- Erwin Kreis-----------W9HRM---1935--1936

Milwaukee Radio Amateur's Club, Inc.

Board of Director's Meeting, June 11, 1935.

Meeting called to order at 8:40 P. M. at Dr. Rosenbaum's office.

Present: Messrs. Felber, Meyer, Peschek, Kreis, Rosenbaum, Wollaeger, Baker, and Zander.

A motion was made that we have a picnic, by W9RH. Motion was seconded, and discussion followed. Picnic is to be for members and close friends only. W9HRM called Berens on phone regarding chairmanship of picnic. He accepted same.

Meeting recessed and reconvened at 9:20 P. M. at 20th and Vliet. Picnic discussion in order again. W9RH suggested a ticket system for beers and other refreshments. This idea did not click so good. Motion was made by Rosenbaum to limit picnic expenses to $40.00. This includes refreshments and prizes. Motion seconded and agreed upon by all present.

W9HRM mentioned about visiting Division Director Roberts shortly after our QSO Party and the subject of a central Division convention was brought up and discussed at length.

W9LJU moved we have a Central Division Convention. W9GSP seconded same. W9LJU revamped motion to state that the date be May 1, 2, and 3rd. Motion seconded by W9ANA. W9HRM agreed to write to Ed. Roberts regarding proposed Convention.

W9HRM read the letter from Woodruff. Letter related to Cairo Convention, and was forwarded from W9DII.

W9HRM suggested several hams listen between 6000 and 8000 KC to determine use of these frequencies, to aid Roberts.

Possible hams were discussed for various committee men. Chairman appoints these persons.

A contest was proposed by W9HRM and discussed by all present. Speed contests or building contest, etc. Some type of trophy was discussed such as a cup or plaque or prize of some sort to the winner.

Motion made and seconded that all members wear some mark of identification, especially at regular meetings.

Subject of members in good standing brought up and discussed; should two or three months be deadline to be considered in good standing?

Motion made and seconded that we adjourn, at 12:00 P. M.

Herbert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur's Club, Inc.

Board of Director's Meeting, August 20, 1935.

Meeting called to order at 8:45 P. M. at 20th and Vliet.

Present: Messrs. Kreis, Wollaeger, Zander, Peschek, Felber, Meyer, Baker, and Rosenbaum. Visitors Dan Gelerup and Phil. Lazer.

The two visitors presented an invitation to hold our club meetings atop the Schroeder Hotel. Considerable discussion followed. The idea did not click so well to accept the pent house as a regular meeting place. However, it was more or less decided to take part in programs to be broadcast from the Journal Short Wave Station WSXAZ, 31.6 Meg. 200 W output.

Picnic expenses were $37.75.

Motion made by W9DII that the M. R. A. C. broadcast a program once a month or more. Seconded by Doc and agreed by all present.

President Kreis appointed Bob Moser and Charles Meyer for Publications Committee. Ruger to Sargeant at Arms; 9RKP to Traffic Man. Doc to Business Manager. Berens to Membership Committee. Technical--Louis Wollaeger.

Motion made and seconded to adjourn at 12:00 P. M.

Herbert Baker W9GSP
Secretary.

Milwaukee Radio Amateur's Club, Inc.

Minutes of the Regular Club Meeting, September 5, 1935.

The Meeting was called to order by President Irv. Kreis at 8:15 P. M.

The Secretary called the roll and read the Minutes of the Board of Directors Meeting of June 11, 1935 and the Minutes of our last Club Meeting of June 6, 1935. Both approved as read.

Kreis read letters from Ed Roberts regarding the Cairo Convention; and Forest Nelson regarding lapel club buttons.

Irv. Berens reported on picnic expenses, as follows:

$15.30.	rental of grounds
5.45.	prizes
15.00.	beer
2.00.	rental of glasses
$37.75.	Total

He also reported that Don Seibel gave 3 fountain pens to be used as prizes, but due to their late arrival, they will be awarded at a later date.

The subject of the next annual picnic was brought up by Irv. Kreis. He suggests that we consider Schulles picnic grounds at Lake Denoon for our next picnic.

Kreis read a letter from H. Woodruff regarding frequencies between 6000 and 8000 K.C.

President Kreis read a list of new committee men.

Membership. . . .Irv. Berens
Sargeant At Arms. George Ruger
Technical . . . .Louis Wollaeger
Herb Wareing
Traffic . . . . .Burns.

Papers & Publications:
Charles Meyer
Bob Moser.
Business Manager-Dr.Rosenbaum

Doc Rosenbaum moved that the Secretary write to SCM/Ed. Cary to determine his position as S.C.M.

He also spoke regarding Phil Lazer's offer to use the pent house of the Schroeder for future Club meetings, also an effort is being made to create a broadcase committee to prepare programs to be broadcast over W9XAZ, the ten meter station of the Milwaukee Journal. Considerable discussion followed. Kreis offered to get a speaker from Marquette University. The subject to be indirectly related to radio, that of Public Speaking and Language. The majority of those present indicated a desire to hear him.

W9QEN volunteered to act on the Journal 10 meter broadcast committee and asked Emil Felber and John Scarvaci to aid on this program.

Ruger suggested that the Constitution of our Club be brought up to date.

Irv. Berens has two new members, yet to be voted upon by the Board of Directors.

Voted to start code classes again for members only. W9BVR volunteered to assist in code work.

W9DII and W9QEN, and W9EBO reported conditions on 20 meters in recent weeks.

(over)

A free raffle of a fountain pen to members only was won by W9GIL.

The Board met temporarily to vote two beers and a sandwich to each paid up member of the Club.

It was moved and seconded that we adjourn at 10:00 P. M.

Herbert Baker W9QSP
Secretary.

Milwaukee Radio Amateur's Club, Inc.

Minutes of the Regular Club Meeting, September 12, 1935.

The meeting was called to order by President Kreis at 8:10 P. M.

Secretary called the Roll, and read the minutes of the previous meeting, which were approved as read.

Burss, of the Traffic Committee, reported conditions on the various bands.

Meyer reported that due to the lack of Papers and Publications, he was unable to make a report. He was assured of publications in the future.

Dr. Rosenbaum reported as Business Manager. Things are in order in regard to starting our meetings at the Journal short-wave station W9XAZ. It has been decided to hold the second meeting of the month at the Schroeder Hotel, the proceedings of which are to be broadcast.

W9GVL gave a report on the PR 16 all wave receiver.

Applications for membership were accepted on the following:

Vernon Morris, W9JGU
Henry Koch, W9VIB
Jerome Becker, W9UOE

President Kreis renewed the idea of having contests. Catel suggested writing a paper or giving a talk; also, a contest for neatness and efficienty of station equipment and arrangement. Various other suggestions were offered, such as code speed, scrambled speech, construction, etc.

W9PRA consented to transfer negatives of pictures to slides that might be used to show pictures of amateur stations in their past and present arrangements. These slides are to be shown at future meetings.

A 20 meter contest was suggested. W9DTK thinks that a cup or trophy should be awarded the winner. W9GVL suggests a piece of equipment as being more useful and appropriate.

Attention was called to the fact that our meetings start at 7:45 P.M. and all are urged to be present so that we might start and finish our meetings on time.

A free raffle of a fountain pen was held for members only, and was won by Ray Peschek, W9LJU.

It was moved and seconded that we adjourn at 9:30 P.M.

Herbert Baker W9GSP
Secretary.

Milwaukee Radio Amateur's Club, Inc.

Minutes of the Regular Club Meeting, September 19, 1935.

Meeting was called to order at 8:10 P. M. by Vice President Zander, W9DIJ, in the absence of President Kreis.

Secretary called the Roll and read the Minutes of the previous meeting, which were approved as read.

The Treasurer reported disbursements of $2.00, leaving a balance on hand of $134.01.

Membership Committee had nothing to report.

Charles Meyer reported for Papers and Publications Committee. He gave a blackboard talk on a new three tube super short wave receiver. Also, information on the type 53 as an up and coming new radio tube for amateur transmitters.

Vice President Zander read a letter from Hillegas Baird, X9HO to Ed. Roberts; and also one from Mr. Baird to Colonel Foster.

W9RH made a motion that William Cram, W9BVR, be recommended as a candidate for S.C.M.. Meyer thought that an 80 meter station would almost be necessary to be successful as an S.C.M, as most of the traffic is on that frequency. Mr. Cram then spoke for himself and advised us all that he has a transmitter which is capable of operating on any frequency between 10 and 160 meters, and would be willing to accept the position, if nominated. Other discussion followed and the motion was seconded; then voted upon by the Club to recommend Bill Cram as a candidate for S.C.M.

W9RH suggested that the Secretary write to League Headquarters to determine when the next election for SCM will be held.

Bob Moser, W9NPS, gave us some information on the new electric fence that he is interested in.

Goerge Ruger, our Sargeant at Arms,asked the Chairman whether he has the right to exclude all persons who insist on coming late to our meetings. This was left to his own judgment.

W9RH mentioned that our first meeting at the Hotel Schroeder penthouse would be on October 10 and would be for members only.

There being no further business, motion was made and seconded that we adjourn at 9:20 P. M.

Herbert Baker ? W9GSP

Secretary.

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, September 26, 1935.

In the absence of President Kreis and Vice President Zander, Business Manager, Dr. Rosenbaum, acted as Chairman and called the meeting to order at 8:15 P. M.

Secretary Baker being absent reading of the Roll Call and Minutes of the previous meeting were dispensed with.

Mr. Burss, of the Traffic Committee, discussed the present regulations, license procedure, fees and frequencies, for the various countries of the world. He continued by reading an article in the October QST on the call "CQ" and its effectiveness.

Acting Chairman, Dr. Rosenbaum, reported that all plans for the Clubs first broadcast October 10 over the Milwaukee Journal Short Wave Station, W9XAZ, were completed.

Mr. Meyer of the Papers and Publications Committee reported on the new 304-A tube and its characteristics; also gave information on parallel rod oscillators, principally for 5 meter work. He also read comments relative to the Aurora convention and remarks by Mr. Roberts. Also, a letter by Colonel Foster regarding Mr. Roberts' stand on Warner.

Mr. Moser, also of the Papers and Publications Committee, demonstrated his electric fence, and explained the circuit operation. He also showed members the new metal tubes.

Mr. Felber announced that Mr. Morton would continue his talks beginning the next meeting.

Various members commented on activity in the 20 and 40 meter bands.

W9KIZ, from Eveleth, Minnesota, visiting the Club, made a few remarks relative to his activities.

Mr. Wollaeger of the Technical Committee asked for suggestions on subjects to be discussed in the future.

Mr. Krones gave some highlights on his present transmitter, which consists of a 53 Xtal, 841 buffer, and 203-A final amplifier, and his reasons for using this particular line-up.

Acting Chairman, Dr. Rosenbaum, explained the details of his present antennae.

A motion for adjournment was made and seconded. The meeting adjourned at 9:55 P. M.

_____, W9LJU
Acting Secretary, R. T. Peschek,
Treasurer.

Milwaukee Radio Amateur Club,Inc.

Board of Directors Meeting,Oct.I,I935

Meeting called to order at 8:30 p.m.at Dr.Rosenbaums office.

Present:Messrs.Kreis,Baker,Felber,Peschek,Zander,Meyer and Rosenbaum.

President Kreis read a letter from Ed.Roberts regarding the next Central Div.Convention.It so happens that bids have come to Roberts fromChicago,Detroit,and Cincinatti to hold the Convention in their cities. The Milwaukee Radio Amateur Radio Club being the first to bid, really has first choice; however, a motion was made by Charles Meyer that we relinquish our bid only providing that the Convention be given to the Chicago area.

President Kreis also read a letter from the Twin City Stamp and Seal Company. They enclosed a sample of a Club button. After some discussion, a motion was made by Dr. Rosenbaum and seconded that we order one hundred buttons of a type similar to the sample.

The following members were approved by the Board of Directors:

J. Travis Baird
A. C. Jorgensen, W9GKE
Dr. J. F. Wyman, W9SZH

Discussion followed on the amateur radio experience of the various Directors present.

The subject of a contest was brought up several times. A motion was finally made by Rosenbaum, and seconded, that we hold a contest on 40 meters. A garbled message is to be sent on October 28 at 9:00 P.M. A cup is to be awarded to the member who has the most perfect copy.

President Kreis moved that we subscribe to the magazine "Radio" and the "R S G B" the English "A R R L", both of which are to be sent to the Papers and Publications Committee: Charles Meyer, W9GVL, 3720A-No. 6th Street.

It was moved and seconded that we adjourn at 11:30 P. M.

Herbert Baker ; W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, October 3, 1935.

Meeting was called to order at 8:15 P. M., by President Kreis.

The Secretary called the Roll and read Minutes of the meetings of September 19 and 26, both of which were approved as read.

Treasurer Peschek reported that $1.50 was collected in dues at the last meeting, and the balance on hand was $134.01.

President Kreis read a letter from Ed Roberts regarding the Central Division Convention. Roberts claims that Detroit, Chicago, and Cincinnatti have bids in to bring the convention to their cities. The Milwaukee Radio Amateur Club happens to have first choice. However, the Board of Directors has agreed to relinquish our bid, providing the convention be given to the Chicago area. Fred Catel suggested that any number of Central Division convention can be held, each year. President Kreis read a letter from Ed Carry, W9ATO, stating his position as Acting S.C.M. It was a very complete letter, and asked that the gang send in more monthly reports to him; also that more ORS and OBS stations are desired for this area.

Bill Cram, W9BVR, gave a report on his Candidacy for S.C.M.

Mr. Burss, of the Traffic Committee, gave a report of the conditions on 20 and 40 meters. He claims he has worked a K-7 and a PY in the past week.

Application for membership of James A. Gundry, W8KNP, was recommended by Bill Cram.

Membership Certificates were given to:

Vernon Morris,
Jerome Becker, W9UOE
Dr. Wyman, W9SZH
Henry Koch, W9VIB
A. C. Jorgenson, W9GKE
Travis Baird, W9

Louis Wollaeger of the Technical Committee gave an interesting blackboard talk on crystal oscillator and doubling circuits. He also spoke of the type 53 and 6A6 tubes, and 5 meter parallel rod oscillators.

Emil Felber, W9RH, announced that our next meeting will be held at the Hotel Schroeder and will be broadcast over W9XAZ. The meeting is to be for members only. Instructions were given as to how to get to the station.

Announcement was made that the next RCA meeting will be held October 23, and the subject will be "Metal Tubes".

A motion was made by William Cram and seconded that an expression of sympathy be sent to Mr. and Mrs. Herbert Berg, W9CAS, regarding the loss of their infant son.

Motion was made and seconded that we adjourn. Meeting adjourned at 9:35 P. M.

Herbert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, October 10, 1935.

This was the first of our meetings to be broadcast over the short-wave station of the Milwaukee Journal, W9XAZ, located on the top floor of the Hotel Schroeder. The opening of the meeting was preceded by a three minute Q S T code transmission by Mr. A. Krones, W9UIT. Following this announcement was made by Dr. Rosenbaum, W9GHN, that the proceedings of the regular meeting of the Milwaukee Radio Amateur Club was on the air. The meeting was then called to order by President Kreis, at 8:10 P. M.

The Secretary called the Roll and read the Minutes of the past meeting, which were approved as corrected.

The Treasurer reported $8.25 collected at the last meeting; a disbursement of $18.00; and a balance on hand of $124.26.

Mr. Irv. Berens, W9DFJ, of the Membership Committee, gave a fine report on the active, regular,associate, and junior membership, of our Club.

Mr. Burss, W9RKP, of the Traffic Committee, gave a report on activity on ten meters. He mentioned that he has a radio report that an LU station has worked all continents, on ten meters. Many fine QSO's of remarkable distance, including several with South Africa, have been held recently. W9RKP invites all those having interference problems to communicate with him and he will do his best to help to clear them.

William Cram, W9BVR, reported on the coming election for S.C.M. He invites votes from all interested amateurs.

Bob Moser, W9NPS, of the Papers and Publications Committee, gave a report on volume control in the new all metal tubes. He also spoke of the new 20 tube General Electric radio.

President Kreis introduced the speaker of the evening, ~~Commander~~ Fred Catel, N9DTK, who spoke on the origin and history of the Milwaukee Radio Amateur Club. It was a very interesting and well prepared talk.

Dr. Rosenbaum, W9GHN, read a report of ten meter activity. He claims that good work is now being done in the 28 meg. band.

The next meeting to be broadcast will be on November 14, the feature of the evening to be a talk on ten meter reception and transmission, by Mr. Herbert Wareing, W9NY

Dr. Rosenbaum, W9GHN, extended an invitation over the air to all interested persons to attend our weekly meetings at the Trustee's Room of the Milwaukee Public Museum.

Listeners were asked to phone in to W9XAZ their comments on the program reception. Two calls were immediately received. One from W9ESL, and one by W9HBP. A telegram from the Kilocycle Club of Milwaukee was received, extending wishes for success.

A motion for adjournment was made and seconded. The meeting adjourned at 9:40 P. M.

W9UIT closed the meeting with another code transmission.

Herbert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.

Board of Directors Meeting, October 15, 1935.

Meeting of the Board of Directors of the Milwaukee Radio Amateur Club was held Tuesday, October 15, in the office of Business Manager, Dr. Rosenbaum. Chairman Kreis called the meeting to order at 8:45 P.M.

The members present were: Erwin Kreis, W9HRM; Dr. Chas. Rosenbaum, W9GHN; Emil Felber, W9RH; Ray Peschek, W9LJU; and Oliver Zander, W9DIJ.

Chairman Kreis read correspondence which he had received from Director Roberts relative to the proposed Central Division Convention, and comments which were made. Mr. Roberts plauded the fact that the Milwaukee Radio Amateur's Club was so sportsmanlike in relinquishing its bid in favor of Chicago.

Mention was made of Colonel Foster's death.

Under the head of old business Chairman Kreis discussed plans for the coming garbled message contest. Samples of trophies which will be awarded were shown to the members. All plans for the contest have been completed and notification by card will be made to all club members. A vote was taken to decide the appropriate trophy to be given the contest winner and the additional prizes.

A discussion was held relative to future contests and it was decided to hold a contest at least once each month.

No definite date has been decided on for a 28 m.c. contest due to the fact that conditions are so erratic on this band.

Plans for future club meetings were discussed and the speakers to be present.

Mr. Felber offered several ideas which he thought would help in giving the club more publicity.

There being no further business a motion was made and seconded for adjournment.

The meeting was adjourned at 11:30 P.M.

Respectfully submitted

R. Peschek, W9LJU,
Secretary Protem.

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, October 17, 1935.

Meeting called to order by President Kreis at exactly 8:00 P. M.

Secretary called the Roll and read the Minutes of the previous meeting, which were approved as corrected.

Irv. Berens, of the ~~Traffic~~ Membership Committee, had nothing to report.

Burss, of the Traffic Committee, made a report on 10 meter activity.

President Kreis read a broadcast card from League Headquarters; also a card from Director Roberts expressing acknowledgment of relinquishing our bid for the Convention. He also informed us of the death of Colonel Foster.

Bob Moser of Papers and Publications Committee called attention to an article about the Milwaukee Radio Amateur Club in the magazine "Radio". He also mentioned that W6GRL worked W A C in fifty-five minutes.

There being no further business, President Kreis introduced Mr. Morton, of Central Radio Lab., the speaker of the evening. Mr. Morton told about some of his trips during the past summer, reporting on the I.R.E. Convention at Detroit; the Canadian National Exhibition at Toronto, where he also visited several radio manufacturers, and remarked about the strict electrical regulations for safety in Canada. He visited the Quintuplets at Collander. He visited several American manufacturers in the eastern states. He informed us that General Electric was turning out about 2,500 sets a day; RCA about 3,500 sets a day; with Philco topping the list at 6,500 a day He concluded his talk with information on the latest developments in television.

Several boxes of copying pencils were donated by Don Seibel, W9ESF. Two pencils were given to each person present.

There was some discussion on our garbled message contest.

Mention was made of the Navy Day message which will be sent out over NAA and NPG.

The Board of Directors voted to allow a treat to all paid up members, consisting of two beers and a sandwich.

Fred Catel suggested that cards be sent out informing members of our next radio broadcast.

A motion was made and seconded that we adjourn. The meeting adjourned at 9:45 P.M.

Herbert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, October 24, 1935.

In the absence of President Kreis, the meeting was called to order by Vice President Zander at 8:10 P.M. Secretary called the Roll and read the Minutes of the previous meeting, which were approved as read.

Membership Committee had no report.

Business Manager, Dr. Rosenbaum, reported on error in telegram from the Kilocycle Club and apology from Western Union. He also made a report on ten meter activity. He mentioned that W3FAR was the first station to work W.A.C. on ten meters.

Papers and Publications Committee, no report.

Treasurer no report.

Fred Catel N9DTK, gave a talk on Navy Day.

Movies were then shown by Louis Wollaeger, W9ANA, of the Milwaukee Radio Club Hamfest, and various conventions around the central states and League Headquarters.

Dr. Rosenbaum made a motion that a telegram be sent the Kilocycle Club expressing good wishes for success at their Greater Wisconsin Hamfest.

There being no further business it was moved and seconded that we adjourn. Meeting adjourned at 9:35 P.M.

Herbert Baker ,W9GSP
Secretary.

The Milwaukee Radio Amateur's Radio Club, Inc.

Minutes of the Regular Club Meeting, October 31, 1935.

Meeting was called to order at 8:00 P.M. by President Kreis. Due to the small number present, the Roll Call was dispensed with.

The Secretary read the Minutes of the previous meeting, which were approved as read.

President Kreis read a letter from the Twin City Stamp and Seal Company which indicated that our Club emblems will be sent immediately. Also a letter from the Chicago Radio Traffic Council thanking the Milwaukee Radio Amateur Club for relinquishing its bid for the Central Division Convention.

Burss, of the Traffic Committee, reported on activity in general. Moser of the Papers and Publications Committee reported on aircraft direction finding and wired radio over the 110 v. lines; a new 32 v. radio for the farmer; also that some tractors are now being equipped with radio receivers.

It being Halloween we were appropriately surprised at the appearance of a cat in the window.

Travis Baird was introduced to the membership as W9VQD.

Some discussion followed on the garbled message contest.

Emil Felber announced that RCA had reduced prices on their 852 and 866 type tubes.

In a communication ~~with~~ between President Kreis and Herb Wareing, Wareing suggested that the Milwaukee Radio Amateur Club sponsor a 56 meg. contest, and that an appropriate prize, such as a cup, be awarded to the radio amateur who has accomplished the most in the line of DX, etc., during the period of one year.

President Kreis read an article of a Michigan ham who had worked six hundred miles on five meters. He also told of several Eastern amateurs contacting Europe on five meters. He also read a lengthy article on the radio equipment on the new French liner S.S.Normandie.

Louis Wollaeger, W9ANA, of the Technical Committee, gave a blackboard talk on various types of R.F. coupling.

A raffle of a 2 mic. 1000 v. condenser was won by Bob Moser, W9NPS.

There being no further business, a motion was made that we adjourn. The meeting adjourned at 9:35 P.M.

Herbert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, November 7, 1935.

In the absence of President Kreis the meeting was called to order at 8:15 P.M. by Vice President O. Zander, W9DIJ.

Secretary called the Roll and read the Minutes of the previous meeting, which were approved as read.

Irvin Berens reported that a new Club is being formed by local 160 meter phone hams.

Papers and Publications Committee had no report.

Burss, W9RKP, of the Traffic Committee, reported on interference to B.C.L.'s.

Dr. Rosenbaum, W9HRN, reported that the next meeting will be held at the Hotel Schroeder, and will be broadcast. The feature of the evening to be a talk by Herb Wareing, W9NY, on 10 meter reception and transmission. Also, talks by Burss and Moser. Dr. Rosenbaum asked at this time to be relieved of his job as Chairman of the Program Committee for 10 meter broadcasts. Charles Meyer volunteered to act.

There was considerable discussion on five meter work. Several amateur's indicated that activity is increasing all over the country.

Badges were given out to Club members.

Mr. Krones, W9UIT, presided over the prizes for the winners of the garbled message contest. There were only six entries in the contest.
First prize went to Fred Seifert, W9EFX, with fifteen errors. He chose the engraved cup and a two mic. 2000 v. filter condenser.
Second prize to Emil Felber, W9RH, who had forty-five errors. He won the 2 mic. 1500 v. condenser.
Third prize to R. Burss, W9RKP, with fifty-four errors. He chose the type 10 tube.
Fourth prize to R. Peschek, R9LJU, with eighty-two errors. He won the type 53 tube.
Fifth place to Baird, W9EQD, hundred fifty-seven errors.
Sixth place to Louis Wollaeger, W9ANA, hundred ninety-three errors.

We had two visitors. W9PFK from Menomonie, Michigan; and W8NRS, portable in Milwaukee, from Columbus, OHio. Both gave reports.

A raffle of a one mic. 2000 v. condenser, was won by William Cram, W9BVR

Charles Meyer made a motion that all members wear their badges at future meetings, or be fined five cents to be paid the Treasurer. All agreed.

A temporary recess prevailed while dues were paid and orders taken for handbooks. Also while the Board of Directors voted on new members.

It was moved and seconded that we adjourn. The meeting adjourned at 9:40 P.M.

Herbert Baker, W9GSP
Secretary.

Milwaukee Amateur Radio Club, Inc.

Minutes of the Regular Club Meeting, November 14, 1935.

The meeting opened with a three minute Q S T transmission in code by A. Krones, W9UIT.

Dr. Rosenbaum then announced that the Milwaukee Radio Amateur Club was transmitting from W9XAZ on a frequency of 31.6 meg. and was broadcasting the proceedings of the regular meeting.

In the absence of President Kreis, O. Zander, W9DIJ presided and called the meeting to order at 8:00 P.M.

Secretary called the Roll and read the Minutes of the previous meeting, which were approved as read.

Mr. Burss, W9RKP, of the Traffic Committee, made a report on license requirements; five-meter bootlegs; and local BCL trouble.

The following members were admitted to regular membership: Theodore Maijala, W9KIZ; Junior Membership, James A. Gundry, W8KNP; Associate Membership, Mr. William Church.

Bob Moser, W9NPS reported for Papers and Publications Committee.

Mr. Herbert Wareing, W9NY, The speaker of the evening/was then introduced by Vice President O. Zander. The highlights of his talk were as follows:
The first ten meter QSO took place in 1928 by ef 8CT and NU2JN. The band was officially opened in April of the same year. The MRAC ten-meter contest, December 1933, stirred considerable interest. W9NY, made 128 contacts in recent yearly contests and claims that Milwaukee is in a fairly poor location for ten meter work. He reports on how X1AY in Mexico City, Mexico, was working all around the states while no signals were coming into Milwaukee. Herb claims his biggest kick came when he worked VK on 10. He mentioned a long list of hams from many countries now on. Herb first put his rig on the air November 19, 1933, and has worked 192 stations, 44 foreigners. All amateurs are urged to cooperate and send logs of ten meter work to ARRL so that all work might be correlated . His present rig consists of a 40 meter crystal and a 59-59 tritett exciter to a pair of 801's with 200 watts input. His receiver is an HRO. Ten meter signal's worst enemy is auto ignition. Herb advises against super-regenerative receivers on 28 meg. He claims that transmitting antennaes are not fussy, as most anything works down there. W9NY believes it will not be long before we accomplish similar results on five meters.

An engraved cup was awarded to Mr. Seifert, W9EFX, as a result of winning the garbled message contest.

Charles Meyer, W9GVL, gave a report of testimonies of radio experiences of various persons around the country.

OBS #643 regarding the coming sweepstakes was read.

There being no further business, motion for adjournment was made. The meeting adjourned at 9:35 P.M.

Herbert Baker, W9GSP
Secretary

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, November 21, 1935.

In the absence of President Kreis, Vice President Oliver Zander, W9DIJ, called the meeting to order at 8:10 P.M.

Secretary called the Roll and read the Minutes of the previous meeting, which were approved as read.

Mr. Zander read letters from our President, Irv. Kreis, W9HRN, who has been visiting Ed Roberts in Cleveland, telling us about the coming Chicago Convention; also a letter from the Racine Radio Club asking that a member of our Club visit their Club and give a talk on ten meter work in Milwaukee. He also read a notice that a talk with be given on the Cathode Ray at the School of Engineering November 25 at 8:00 P.M. A letter from Clinton B. De Soto indicates that the QST sketches are being sent after considerable delay.

The speaker of the evening was Mr. J. D. Wilkinson, W9EEL, who gave a very interesting talk on the pick-up and sound reproduction in theatres.

Moser, Burss, Baker, and Zander volunteered to assist Charles Meyer in the QST radio sketches which are to be broadcast over W9XAZ at future meetings.

There being no further business, a motion for adjournment was made and seconded. The meeting adjourned at 9:45 P.M.

Herbert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.
Minutes of the Board of Directors Meeting, November 26, 1935.

Meeting held at the home of President Irv. Kreis, W9HRM,

Those present: Kreis, Baker, Peschek, Zander, Meyer, Felber.

A motion was made by Felber and seconded that we have a 56 meg. contest. This contest is to run for the period of one year and the winner is to receive the loving cup being donated by MRAC. Amateurs throughout the world are eligible, with QST giving us the publicity, each month.

President Kreis read a letter from headquarters regarding our 56 meg. contest; also a letter from Kreis in answer to Handy's letter.

Applications for membership for Leo Devine was passed on by all present.

It was moved and seconded that we accept"Radio's" offer recently published of one year's subscription to"Radio" and their Handbook for a total of $2.00, to be sent to Charles Meyer, of the Papers and Publications Committee.

The Secretary was instructed to write to League Headquarters for information on the R.S.G.B. publication.

Mr. Wollaeger tendered his resignation as Director, his reason being that he will be away from Milwaukee for several months on an extended trip to the Far East. Chairman Kreis accepted the resignation and wished Mr. Wollaeger a successful and enjoyable trip. Due to the fact that Mr. Wollaeger will be absent for several months an election, by the Board, of a new Director, was held. Chairman Kreis asked for candidates for nomination. Mr. Krones, Mr. Moser, Mr. Wilkinson were nominated. Mr. Peschek moved that the nominations be closed. Motion was seconded. An open vote by members of the Board was taken. Mr. Krones was elected. Mr. Zander automatically became a regular Director, while Mr. Krones became the alternate.

Chairman Kreis gave an impromptu farewell party for Mr. Wollaeger, at which time refreshments were served.

A motion for adjournment was made by Mr. Felber and seconded by Mr. Meyer. Meeting adjourned at 11:30 P.M.

Hubert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.
Minutes of the Regular Club Meeting, December 5, 1935.

In the absence of our President, Erv. Kreis, W9HRM, Oliver Zander, Vice President W9DIJ, called the meeting to order at 8:00 P.M. The Secretary called the Roll and read the Minutes of the previous meeting which were approved as read.

Mr. Zander introduced Mr. A. Krones, W9UIT, the new Director of the Club. Louis Wollaeger, former director, having resigned to make an extended trip to the Orient.

Mr. Burss, W9RKP, reported for the Traffic Committee, indicating that our S.C.M. W9ATO, desires more O.R.S. stations in Wisconsin. We have only seven at present. He also reported on the Sweepstakes.

Dr. Rosenbaum reported on five and ten meter activity and informs us that W9NY won the 28 meg. contest.

Emil Felber reported on the 56 meg. contest that the MRAC is sponsoring. We were shown the engraved cup which is to go to the winner. A letter was read from Mr. F. E. Handy in which he highly approved of our proposed contest.

All members who can and are interested are invited to visit the Racine Radio Club to discuss five and ten meter work.

Bob Moser, W9NPS, of the Papers and Publications Committee spoke on a new five meter directional antennae by Reinartz, W1QP.

Discussion on various subjects followed.

A motion was made and seconded that we have a 20 meter DX contest. All seemed in favor. The plans are to be worked out by the Board of Directors at a later meeting.

Certificates of Membership were given to Mr. Gundry amd Mr. Maijala.

There being no further business, a motion for adjournment was made. The meeting adjourned at 9:45 P.M.

Herbert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.
Minutes of the Regular Club Meeting, December 12, 1935.

Meeting was opened at 8:15 P.M. by a three minute code transmission by A. Krones, W9UIT. Meeting was called to order by President Kreis, W9HRM.

Secretary called the Roll and read the Minutes of the previous meeting, which were approved as corrected.

Burss, W9RKP, of the Traffic Committee reported on the "copy what you hear" copying bee; operation of portable transmitters; DX contest for 80 meter stations to work Europe; directional CQ's; the death of Elizabeth Moody, prominent western ham; the 56 meg. contest; and a report on local interference.

Mr.Meyer explained the so-called "Swap CQ Contest" conducted by a St. Louis concern.

Mr. Moser commented on the five meter situation relative to desirable frequencies to use.

Mr. Kreis read a communication from W9FO on Call Books.

Mr. Moser, of the papers and publications committee, read a paper on "Metal Tubes". He stated the writer indicated that although metal tubes have not been perfected to high degree, they would eventually replace the glass envelope tubes. He went on to mention the difficulties in the manufacture of these tubes, with relation to gassy conditions and the position of the elee trodes.

Mr. Felber reviewed the rules of the international 56 meg. contest. He stated that the Club award was a gold loving cup to be awarded for the greatest 56 meg. achievement during the year 1936. Beginning January 1, and ending December 31, 1936.

Mr. Meyer read an official broadcast from ARRL referring to the 56 meg. contest.

Mr. Kreis very interestingly related his experiences on his travels about the country, and his interesting visits to many ham shacks.

Mr. Krones described his new receiver. He stated it was very effective in tuning out key clicks.

Mr. Meyer interviewed Mr. Krones, Mr. Felber, and Mr. Burss, which proved to be exceptionally interesting. Mr. Kreis interviewed Mr. Scarfaci and Mr. Seibel.

A motion for adjournment was made and seconded. The meeting adjourned at 10:10 P.M.

Addition as of December 19, 1935: Herbert Baker ,W9GSP
Secretary.

W9KSD and W9DOS have reported listening to our program on two standard type BCL receivers that go to 9 meters and report one with metal tubes 10 times better over glass of last year model.

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, December 19, 1935.

Meeting was called to order at 8:10 P.M. by President Kreis.

Secretary called the Roll and read the Minutes of the previous meeting, which were approved as read. Following the broadcast of the previous meeting we were treated to an unusual demonstration of facsimile transmission by Phil Lazer of the Milwaukee Journal.

Burss reported for the Traffic Committee:

Dr. Rosenbaum reported on conditions on 10 and 20 and worked several DX hams on 20 meters up to 10:30 P.M. He also reported on comments on our last broadcast which were not favorable.

Kreis read the details of our 56 meg. contest.

Rosenbaum spoke on equipment for five meter work, and mentioned that we may expect more trouble from the receiving end than from the transmitting standpoint. It is suggested that we try to confine our work to the low frequency end of the band.

W9UIT tells us that a lot of QSL cards for West Allis and Wauwatosa hams are lying idle in the local post offices. They may be had by sending a QSL to these offices. Mr. Krones also spoke of his new 838 transmitting tube and likes it very much.

An invitation from the Racine Radio Club to as many members of our Club as can to attend their meeting December 20 at 8:00 P.M. was read.

W9VQD told of a member whose interest is lacking in the Club and expects to quit after the first of the year. Considerable discussion on this subject by various members followed. Our President indicated that our Club is just what we make it.

The Treasurer reported $103.54; disbursements $11.30, leaving a balance on hand of $92.24.

A raffle of a 2 mic. 2000 v. condenser went to W9VIB, Henry Koch.

A membership certificate was issued to Leo Devine, W9NMF.

An auction of an 852 tube was held and went to the highest bidder, Bob Moser for $8.00.

There being no further business, a motion for adjournment was made. The meeting adjourned at 9:45 P.M., to be followed by a Club Treat at Spring City Gardens.

Herbert Baker, W9GSP
Secretary.

Milwaukee Radio Amateur Club, Inc.

Minutes of the Regular Club Meeting, December 26, 1935.

Meeting was called to order at 8:30 P.M. by President Kreis.

Due to the few members present the reading of the Roll Call was dispensed with. The Secretary read the Minutes of the previous meeting, which were approved as read.

President Kreis reported on the "arctic expedition" to the Racine Radio Club. Eight members of our Club made the trip in two cars, and really had a good time in spite of the cold.

General discussion followed on various subjects. W9GKE heard that W9SO had contacted a Racine station on five meters. Erv. Kreis told about the National Broadcasting Company's radio sketches, which are to be dramatized over W9XAZ by the Milwaukee Radio Amateur Club. George Ruger renewed the idea of an "Oldtimers" meeting. Letters were read from Clayton Senoff and Louis Wollaeger.

General discussion followed again.

There being no further business, motion was made for adjournment. Meeting adjourned at 9:30 P.M.

Herbert Baker, W9GSP
Secretary.